

Appendix O Milestones by Quarter

1. Management Accountability Improvements Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
1.1	Shall have selected, gained DOE approval, and hired the Vice President Laboratory Management (VPLM).	UCOP			8/18/01				
1.2	Establish and implement Laboratory Senior Management Council (LSMC).	UCOP	1/18/01						
1.3	Develop and submit to DOE for review and comment, subcontract SOWs for appropriate subject matter experts (SMEs).	UCOP	1/25/01						
1.4	Establish routine communications to ensure greater participation and feedback from DOE management.	UCOP	TBD						
1.5	Demonstrate commitments reflected in Appendix L.	UCOP	4/12/01	7/12/01	10/11/01	1/17/02	4/11/02	7/11/02	10/10/02

Appendix O Milestones by Quarter

2. Safeguards and Security Management Improvements Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
2.1	Provide to DOE SOW for subcontract for the expertise and services needed to strengthen oversight of S&S.	UCOP	1/25/01						
2.1	Will have S&S expertise in place within 90-days of DOE review and comment of SOW.	UCOP		5/21/01					
2.2	Put in place an integrated S&S management system.	Labs							12/31/02
2.3	Shall ensure that Labs develop an integrated S&S security communication plan.	UCOP		4/18/01					
2.4	Shall conduct an assessment (gap analysis) comparing existing system with S&S management system in 2.2.	Labs			8/23/01				
2.5	Shall develop action plan for DOE approval based on gap analysis (ref. 2.4) specifying actions necessary demonstrating adequate progress will be made toward implementation of system described in 2.2.	Labs			9/28/01				
2.6	Will demonstrate integration of S&S into Lab activities.	UCOP							9/30/02

Appendix O Milestones by Quarter

3. Facility Safety (Including Nuclear Facility Operations) Improvements Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
3.1.2	Will subcontract for extensive experience in nuclear facility (NF) operations.	LANL		4/18/01					
3.1.3	Will initiate, through subcontract, assessment of existing NF operations at LANL.	LANL		5/21/01					
3.1.4	Will require subcontractor to provide report for NF operational improvements.	UCOP			8/18/01				
3.1.5.1	Labs will demonstrate improved performance in NF operations down time and improved performance (from FY00 baseline) against NF operations measures in Appendix F.	Labs			9/30/01				9/30/02
3.2.2.2 .1	Complete Phase I assessment for B-332 safety class, confinement ventilation, and fire protection systems from Commitment #3 of DOE 2000-2 Implementation Plan.	LLNL	2/28/01						
3.2.2.2 .2	Complete Phase I assessment for B-231 Vault, B-334, B-331, and B-233 CSU applicable safety class, confinement ventilation, and fire protection systems from Commitment #4 of DOE 2000-2 Implementation Plan.	LLNL		5/31/01					

Appendix O Milestones by Quarter

3. Facility Safety (Including Nuclear Facility Operations) Improvements Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
3.2.2.2 .3	Complete Phase I assessment of B-231 Vault, B-233 CSU, B-331, B-332, and B-334 CSU remaining safety significant systems.	LLNL		6/30/01					
3.2.3.1	Submit WETF SAR.	LANL		5/15/01					
3.2.3.1	Submit TA-18 BIO.	LANL		5/30/01					
3.2.3.1	Submit TA-55 SAR update.	LANL		6/30/01					
3.2.3.2	A new list will be developed for specific AB document deliverables in FY02.	LANL			9/30/01				
3.2.3.3	Will ensure it identifies all radiological facilities and begins annual inventory report to DOE.	LANL			9/30/01				
3.2.3.4	Will approve LIR for nuclear facilities.	LANL	2/28/01						
3.2.3.4	Will develop and submit for DOE comment, draft LIRs for non-nuclear facilities and categorization of facilities.	LANL	2/28/01						
3.2.3.4	LIRs will be approved by LANL.	LANL		4/30/01					
3.2.3.5	Will develop a Facilities Safety Deliverables Master Schedule.	LANL			9/30/01				
3.2.3.5 .1	Complete AB documents for all Category 2 and 3 NF currently operating without DOE-approved AB documents.	LANL			9/30/01				

Appendix O Milestones by Quarter

3. Facility Safety (Including Nuclear Facility Operations) Improvements Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
3.2.3.5 .2	Submit for DOE approval upgrade of three ABs; remaining SAR upgrades for Category 2 and 3 facilities will be submitted for DOE approval.	LANL			9/30/02				
3.2.3.6 .1	Complete safety surveys for moderate hazard facilities.	LANL			9/30/01				
3.2.3.6 .2	Based on safety surveys, will establish a list of facilities for which AB documents will be completed.	LANL DOE			9/30/01				
3.2.4.1 .1	Complete baseline review of NF AB to define any issues.	LLNL		5/31/01					
3.2.4.1 .2	Establish AB due dates.	LLNL		5/31/01					
3.2.4.1 .3	Define graded approach for nuclear safety AB that will be submitted to DOE.	LLNL		6/1/01					
3.2.4.1 .4	Develop schedule for completing safety basis documents for nuclear facilities.	LLNL		6/1/01					
3.2.4.1 .5	Develop internal procedures for NF managers and AB experts to meet AB requirements.	LLNL			8/30/01				
3.2.4.2	Complete appropriate AB document for non-nuclear facilities.	LLNL			9/30/01				
3.2.4.3	Prepare emergency hazard assessments.	LLNL		6/1/01					

Yellow Highlight denotes milestones requiring LLNL action.

Appendix O Milestones by Quarter

4. Critical Skills, Knowledge and Technical Capabilities Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
4.1.1	Shall have finalized at LANL and LLNL consistent definitions for ensuring critical skills, knowledge, and technical capabilities are available.	UCOP Labs	3/31/01						
4.1.2	Designate agreed-upon indicators to track progress in recruiting and retaining critical skills.	UCOP Labs	3/31/01						
4.1.2	Designate agreed-upon indicators for training.	UCOP Labs		6/30/01					
4.1.3	Complete assessment of current workforce and development of projections over five years to determine any gaps in critical skills at Labs.	UCOP Labs		6/30/01					
4.1.4	Complete consolidated Lab plans for recruiting, training, and retaining critical skills to address projected gaps over next five years.	UCOP Labs			9/30/01				
4.1.5	Conduct quarterly assessments of results using the agreed-upon indicators.	UCOP Labs			Start 9/30/01	12/31/01	3/31/02	6/30/02	9/30/02

Appendix O Milestones by Quarter

5. Project Management and Construction Project Management Improvement Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
5.1	Provide SOW to DOE for expertise and services needed to strengthen oversight of line item CPM at LANL and LLNL.	UCOP	1/25/01						
5.1	Will have SME project management expertise in place within 90 days of agreement between DOE and UC of SOW.	UCOP		5/14/01					
5.2	Ensure that agreed-to program elements are planned and executed using project management principles, tools and best practices, based upon clear work scope, milestones, costs and deliverables as approved.	UCOP Labs							
5.2.1	Pit Manufacturing and Certification (Date TBD)	LANL							
5.2.2	National Ignition Facility Related Cryogenics and Core Diagnostics (Date TBD)	LLNL							
5.3	Engage in discussions with DOE to understand desire for and extent of projectization in national weapons program and to define an envelope of appropriate future directions.	UCOP Labs	3/31/01						

Appendix O Milestones by Quarter

5. Project Management and Construction Project Management Improvement Initiative									
#	Summary Requirement	Action	FY01 2 nd Qtr	FY01 3 rd Qtr	FY01 4 th Qtr	FY02 1 st Qtr	FY02 2 nd Qtr	FY02 3 rd Qtr	FY02 4 th Qtr
5.3	Provide to DOE written summary of agreed-to results of discussions with DOE and a plan for proceeding with at least two additional projects.	UCOP Labs			9/30/01				
5.5.1. 1	A formal program for qualifying and training personnel in key project positions will be in place within 150-days after award of subcontract under 5.1.	UCOP Labs				About 10/11/01			
5.5.1. 2	Using the formal program in 5.5.1.1, ensure that key project personnel are qualified and possess the skills, knowledge, and ability to perform their assignments before being assigned to a project within 180-days after award of subcontract under 5.1.	UCOP Labs				About 11/11/01			
5.5.1. 3	Ensure Labs have training programs in place that enable appropriate personnel to become familiar with and use construction management tools and methods within 180-days after award of subcontract under 5.1.	UCOP Labs				About 11/11/01			
5.5.3	Ensure that Labs have requirements to establish multidisciplinary team for each project that integrates 5.5.2 functions.	UCOP Labs	6/30/01						